

FIG. 1

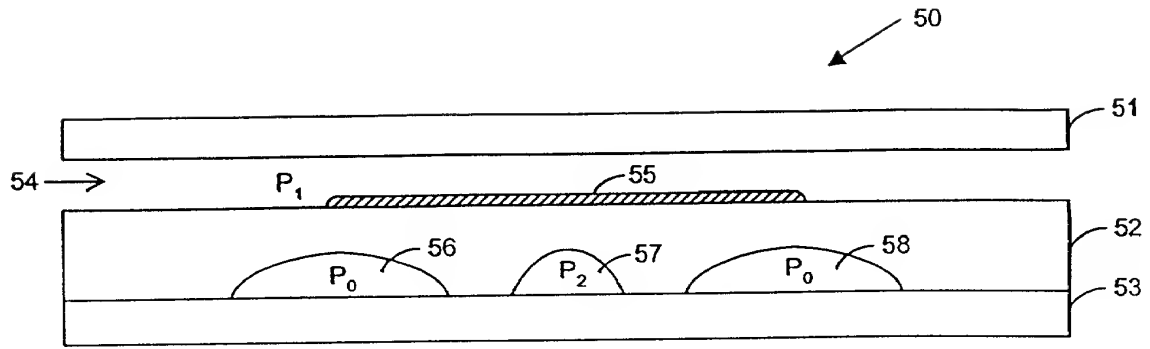


FIG. 5A 2A

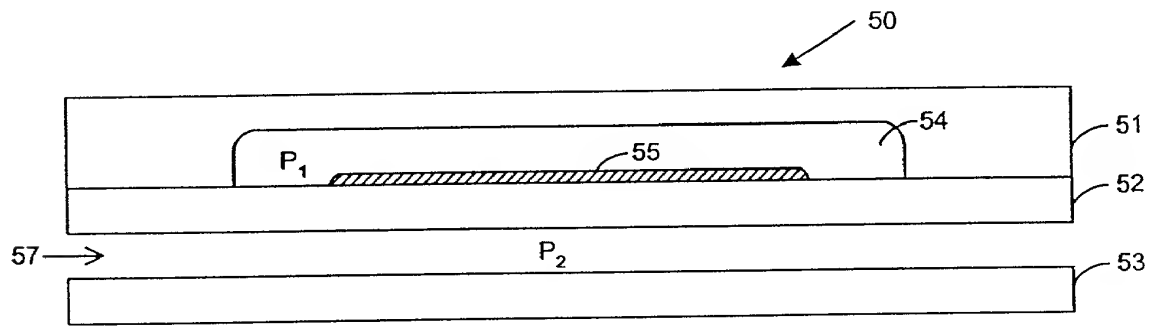


FIG. 5B 2B

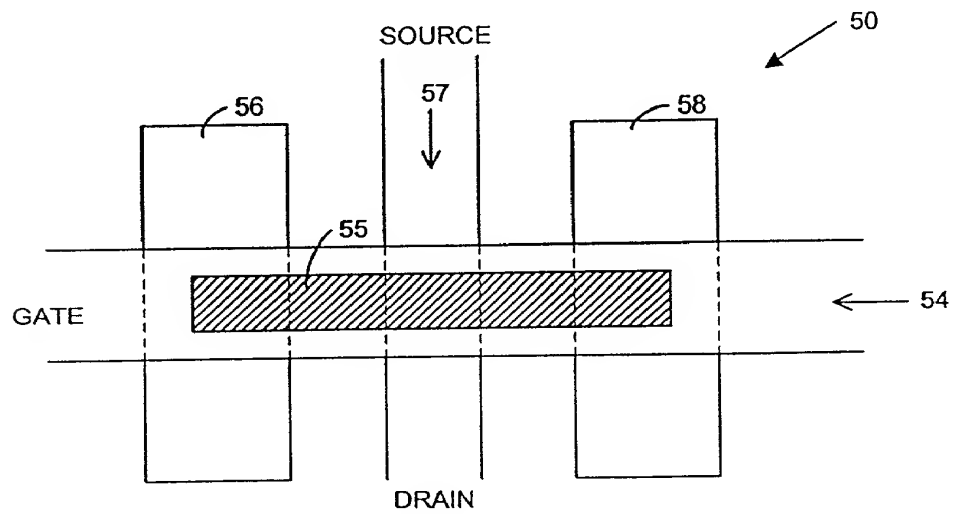


FIG. 6 3

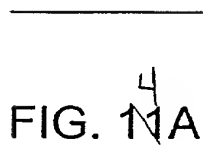


FIG. 1A

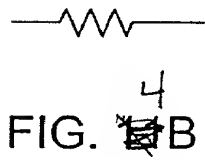


FIG. 1B

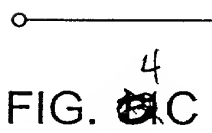


FIG. 1C

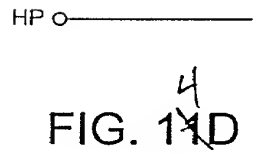


FIG. 1D

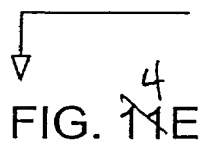


FIG. 1E

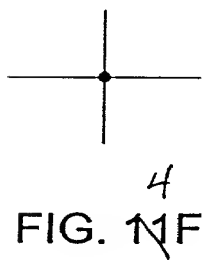


FIG. 1F

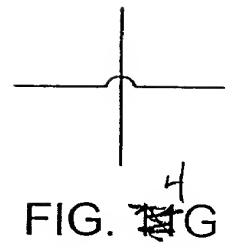


FIG. 1G

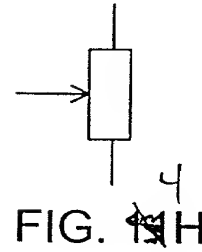


FIG. 1H

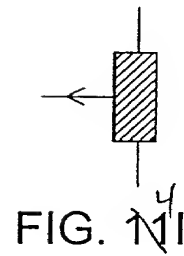


FIG. 1I

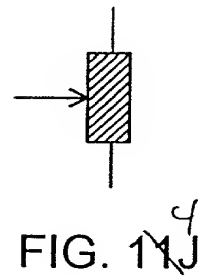


FIG. 1J

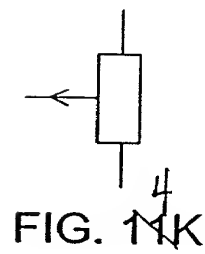


FIG. 1K

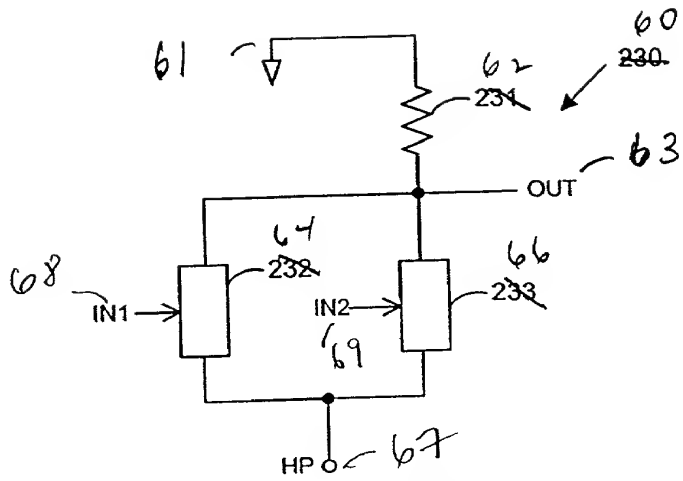


FIG. 5A

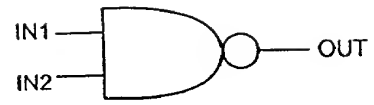


FIG. 5B

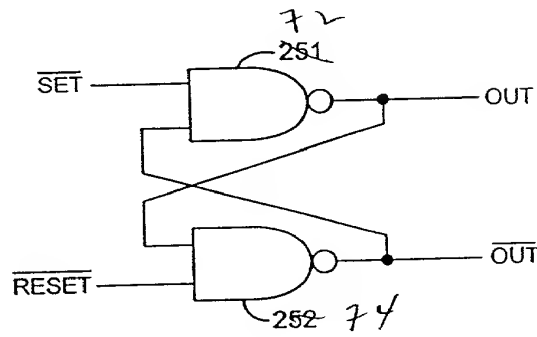


FIG. 6A

Downloaded from ascelibrary.org by Seattle University on 06/01/15

Parameter	Value	Unit	Parameter	Value	Unit
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γ	0.001		δ	0.001	
ϵ	0.001		ζ	0.001	
η	0.001		θ	0.001	
ι	0.001		κ	0.001	
λ	0.001		μ	0.001	
ν	0.001		ξ	0.001	
\omicron	0.001		π	0.001	
ρ	0.001		σ	0.001	
τ	0.001		υ	0.001	
ϕ	0.001		χ	0.001	
ψ	0.001		ω	0.001	
Ω	0.001		Θ	0.001	
Φ	0.001		Ψ	0.001	
Υ	0.001		Ξ	0.001	
Π	0.001		Σ	0.001	
Λ	0.001		Γ	0.001	
Σ	0.001		Δ	0.001	
Γ	0.001		Θ	0.001	
Δ	0.001		Λ	0.001	
Θ	0.001		Σ	0.001	
Λ	0.001		Γ	0.001	
Σ	0.001		Δ	0.001	
Γ	0.001		Θ	0.001	
Δ	0.001		Λ	0.001	
Θ	0.001		Σ	0.001	
Λ	0.001		Γ	0.001	
Σ	0.001		Δ	0.001	
Γ	0.001		Θ	0.001	
Δ	0.001		Λ	0.001	
Θ	0.001		Σ	0.001	
Λ	0.001		Γ	0.001	
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Θ	0.001		Σ	0.001	
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Σ	0.001		Δ	0.001	
Γ	0.001		Θ	0.001	
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Σ	0.001		Δ	0.001	
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Θ	0.001		Σ	0.001	

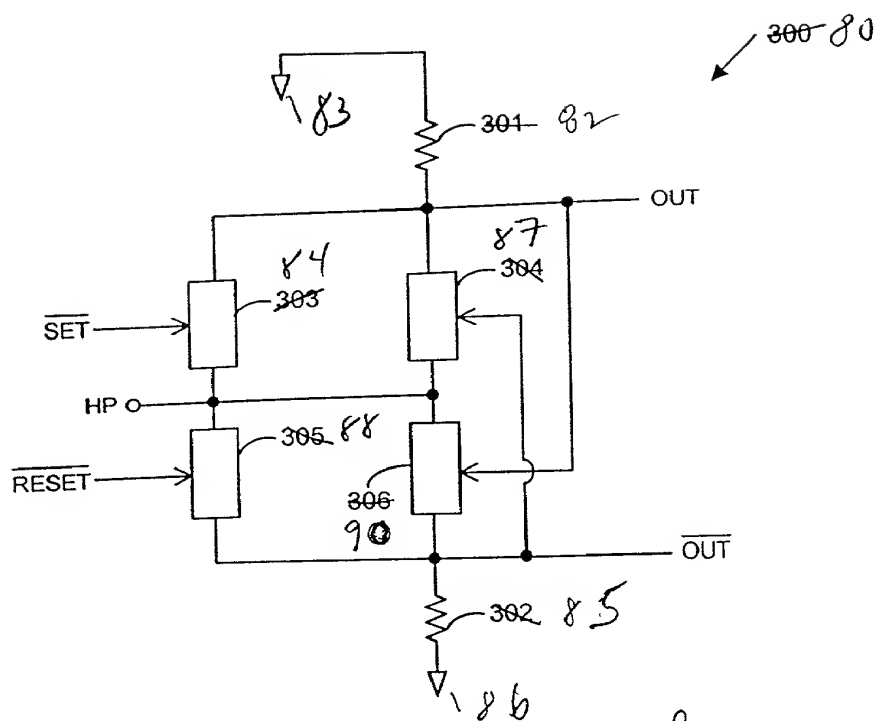


FIG. ~~1A~~ 6B

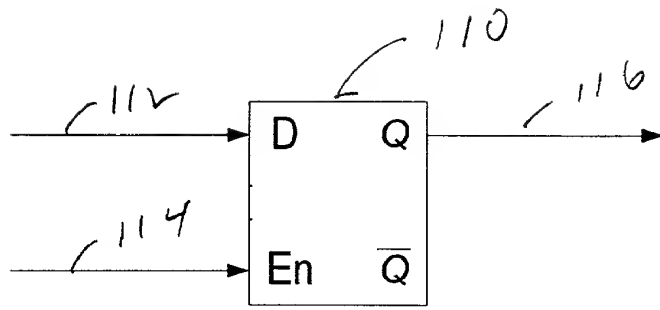


Fig 7A

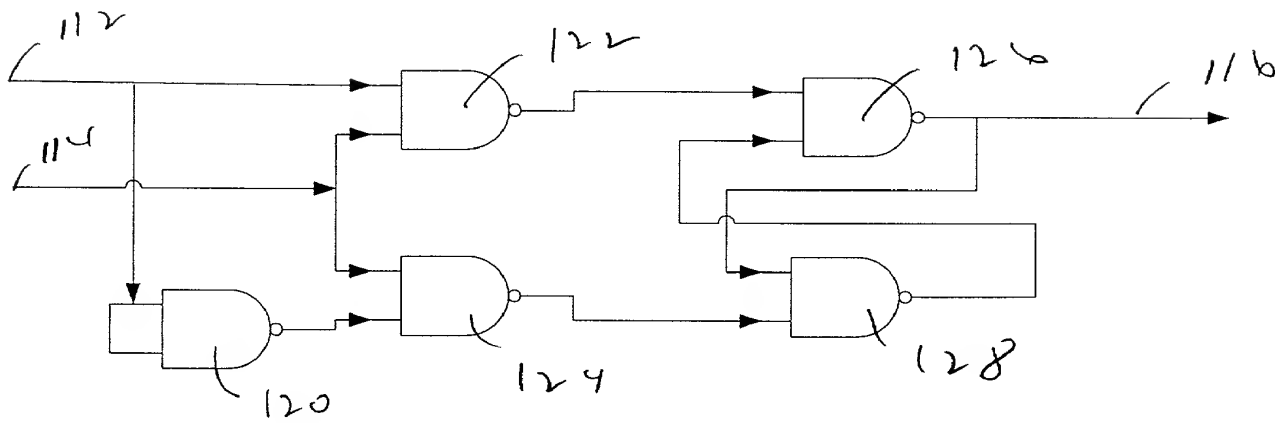


Fig 7B

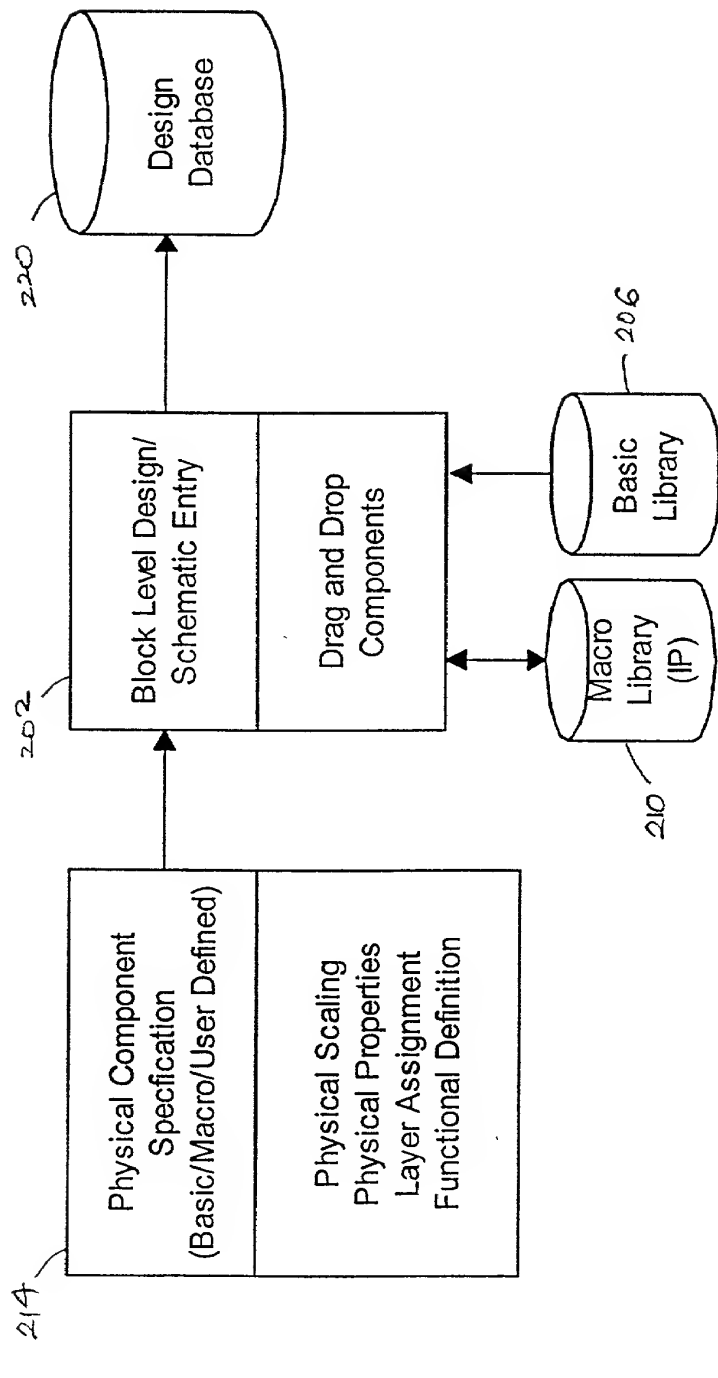


FIG. 8

On-Off Valve

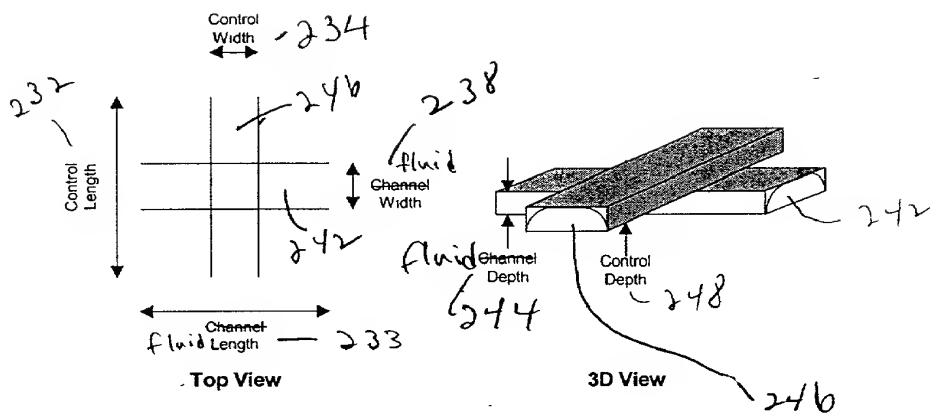


Fig 9a

Fig 9b

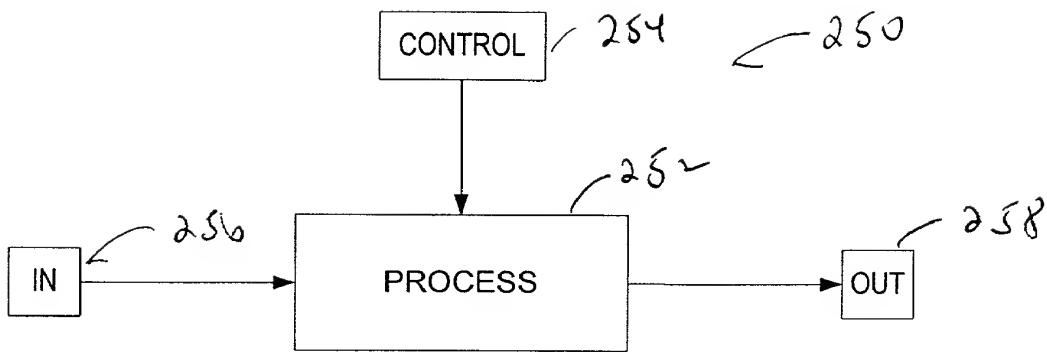


Fig 10

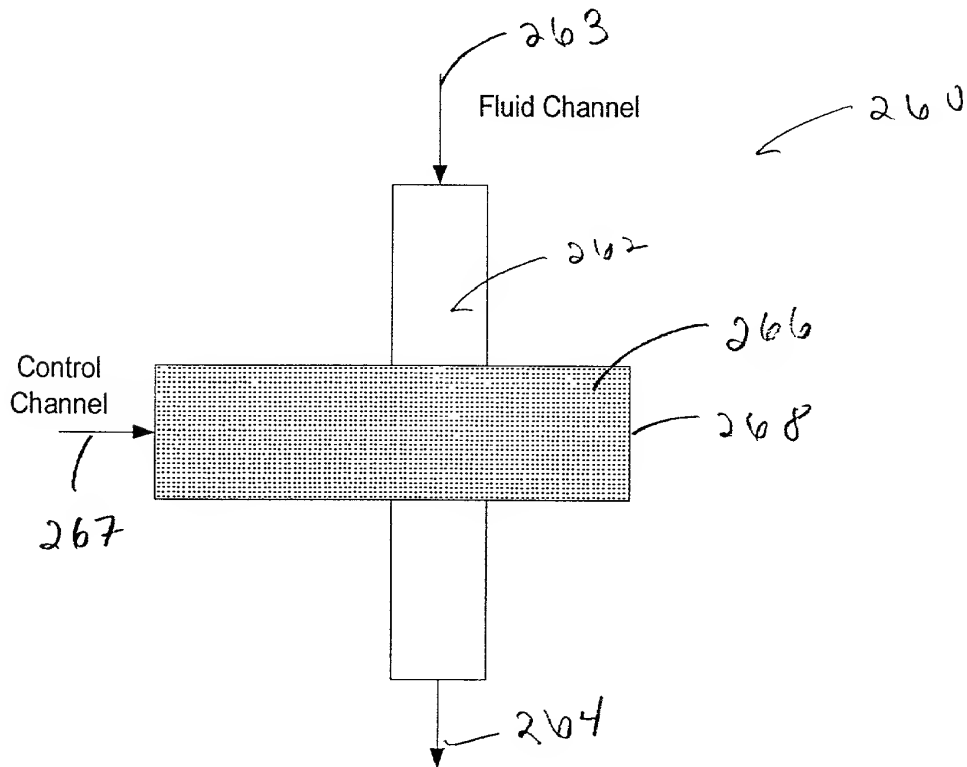


Fig 11

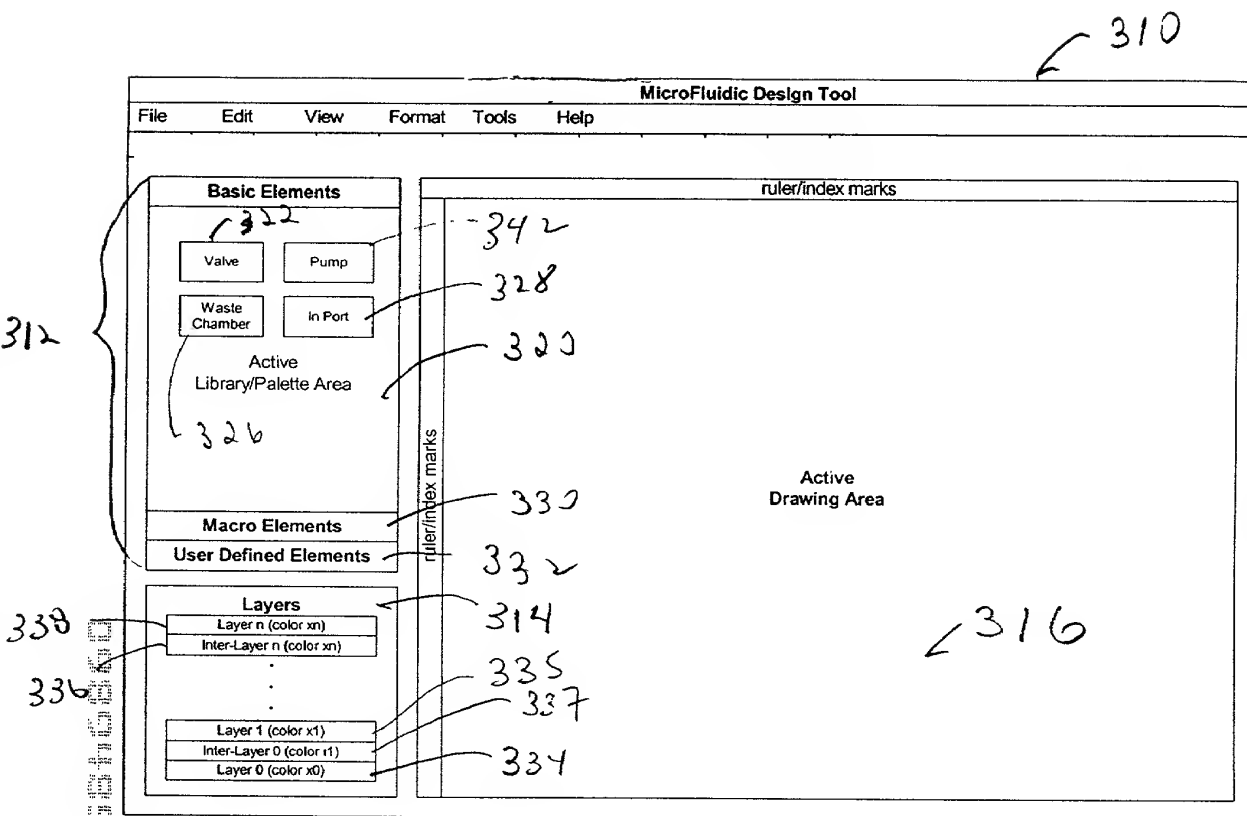


Fig 12

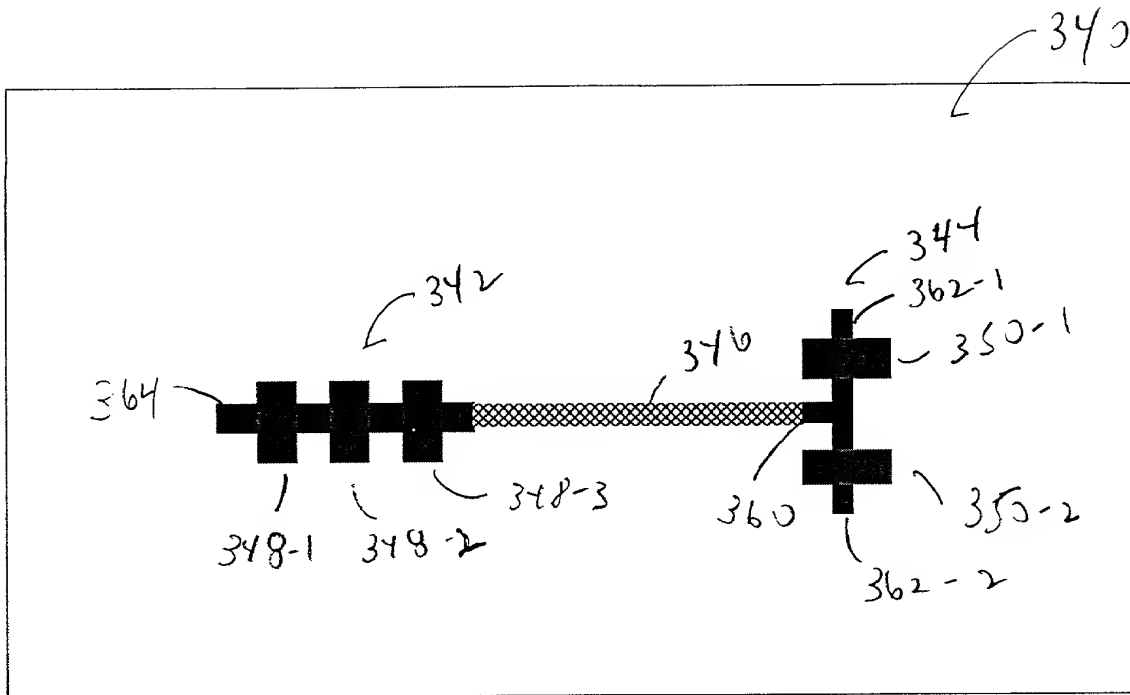


Fig 73A

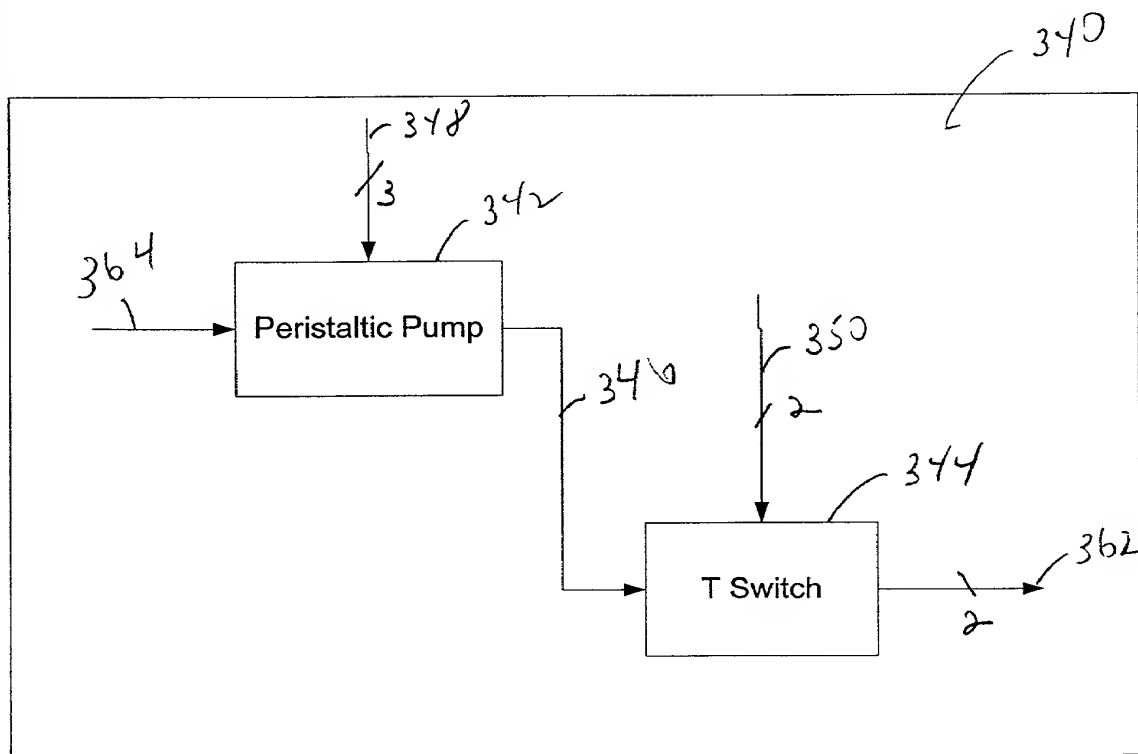


Fig 13B

360
~~300~~

FIG. 1

380
~~340~~

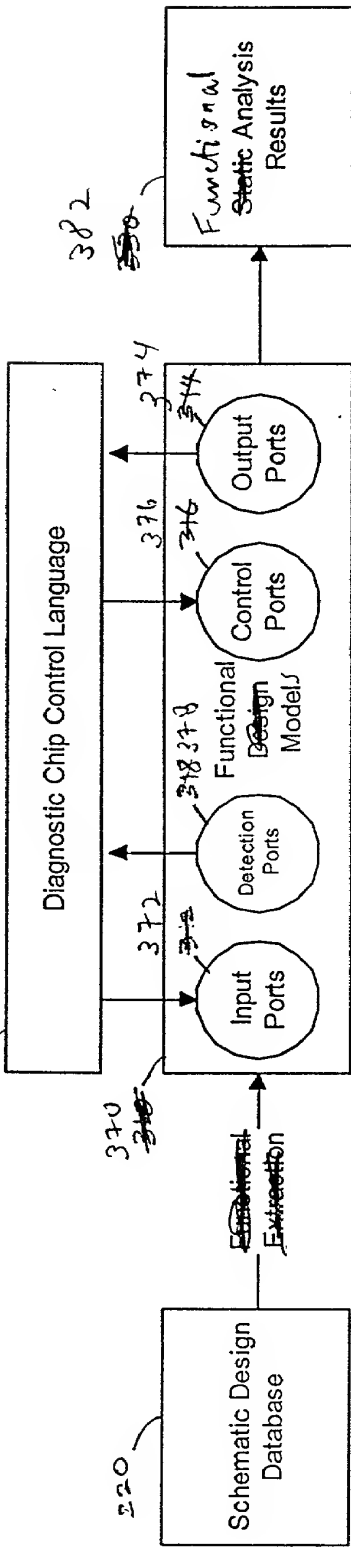


FIG. 1

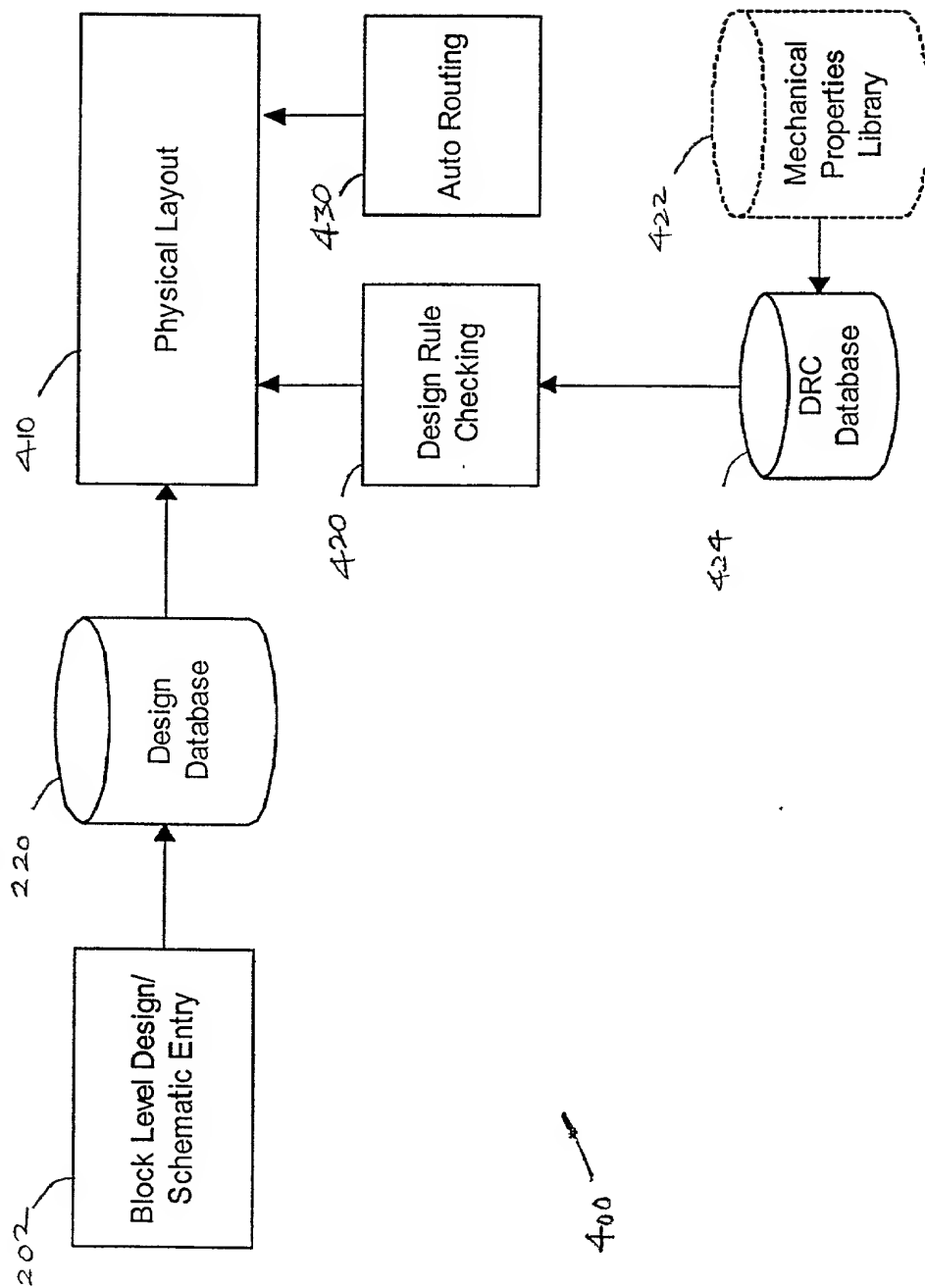
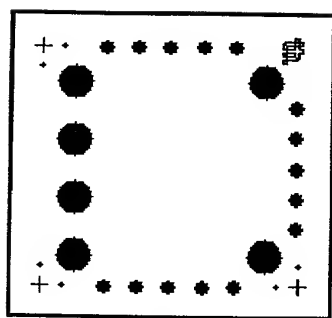


FIG. 4 15

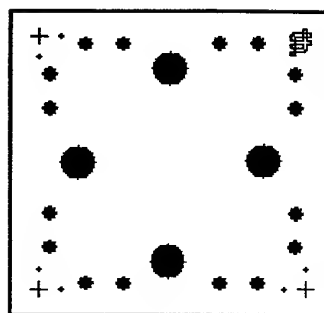
[illegible]

440

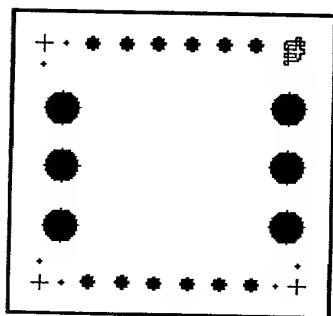
09304957 063704
002290 2584860



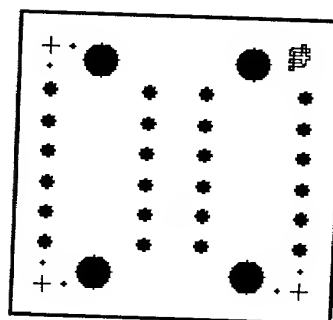
a



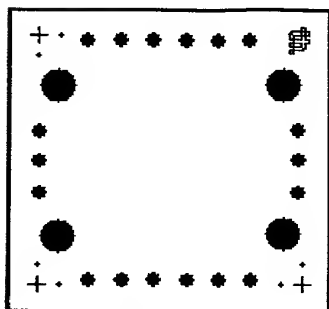
b



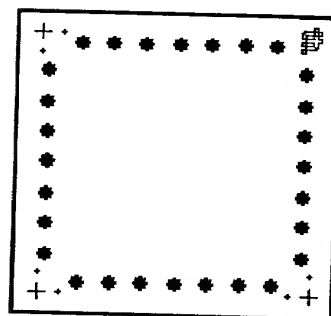
c



d

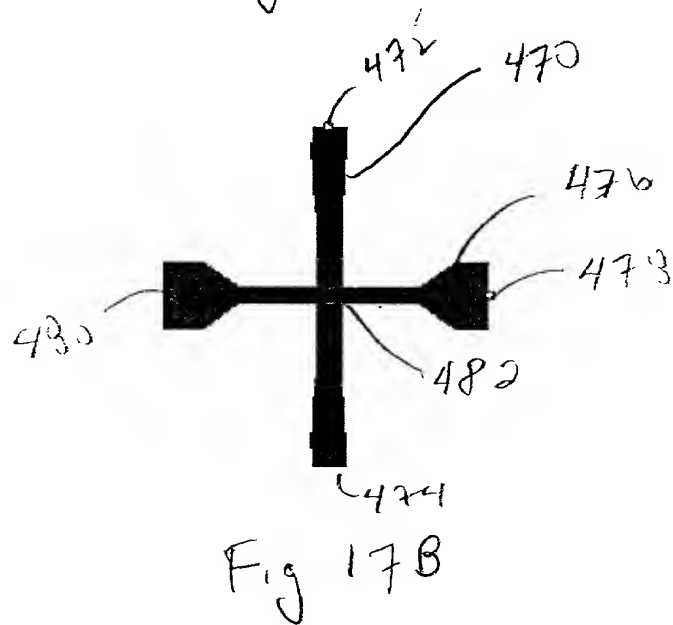
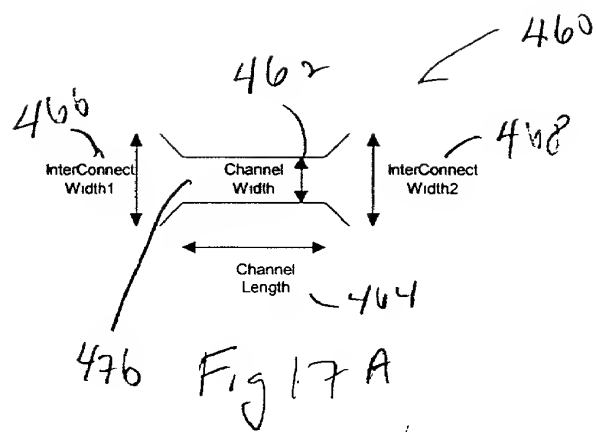


e



f

FIG. 16B



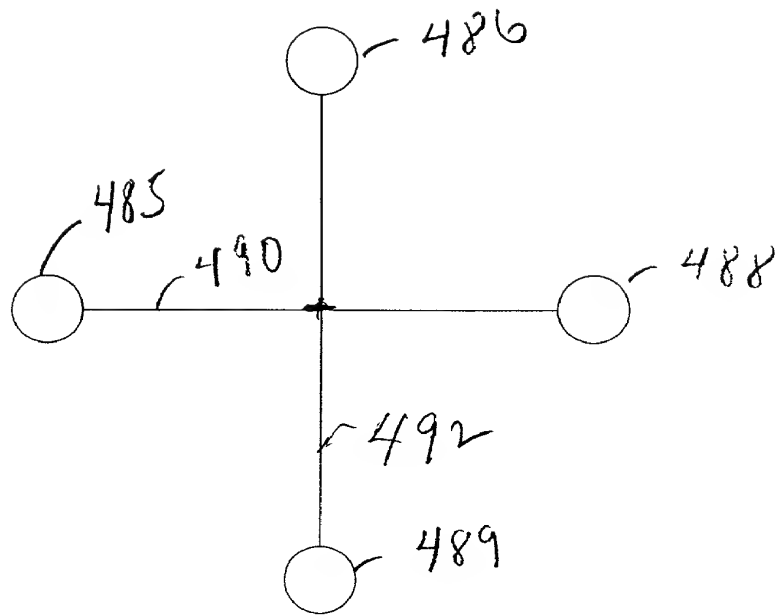


Fig 18 A

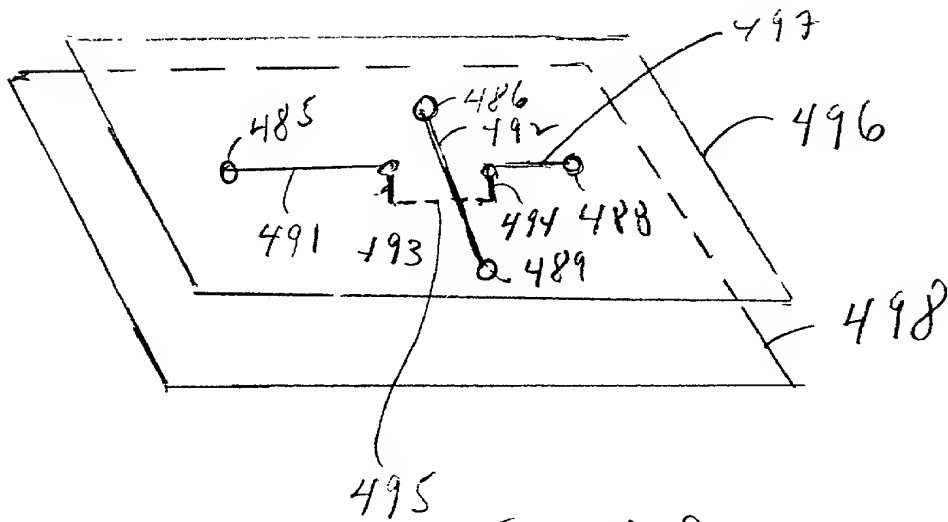


Fig 18 B

530

532

520

524

535

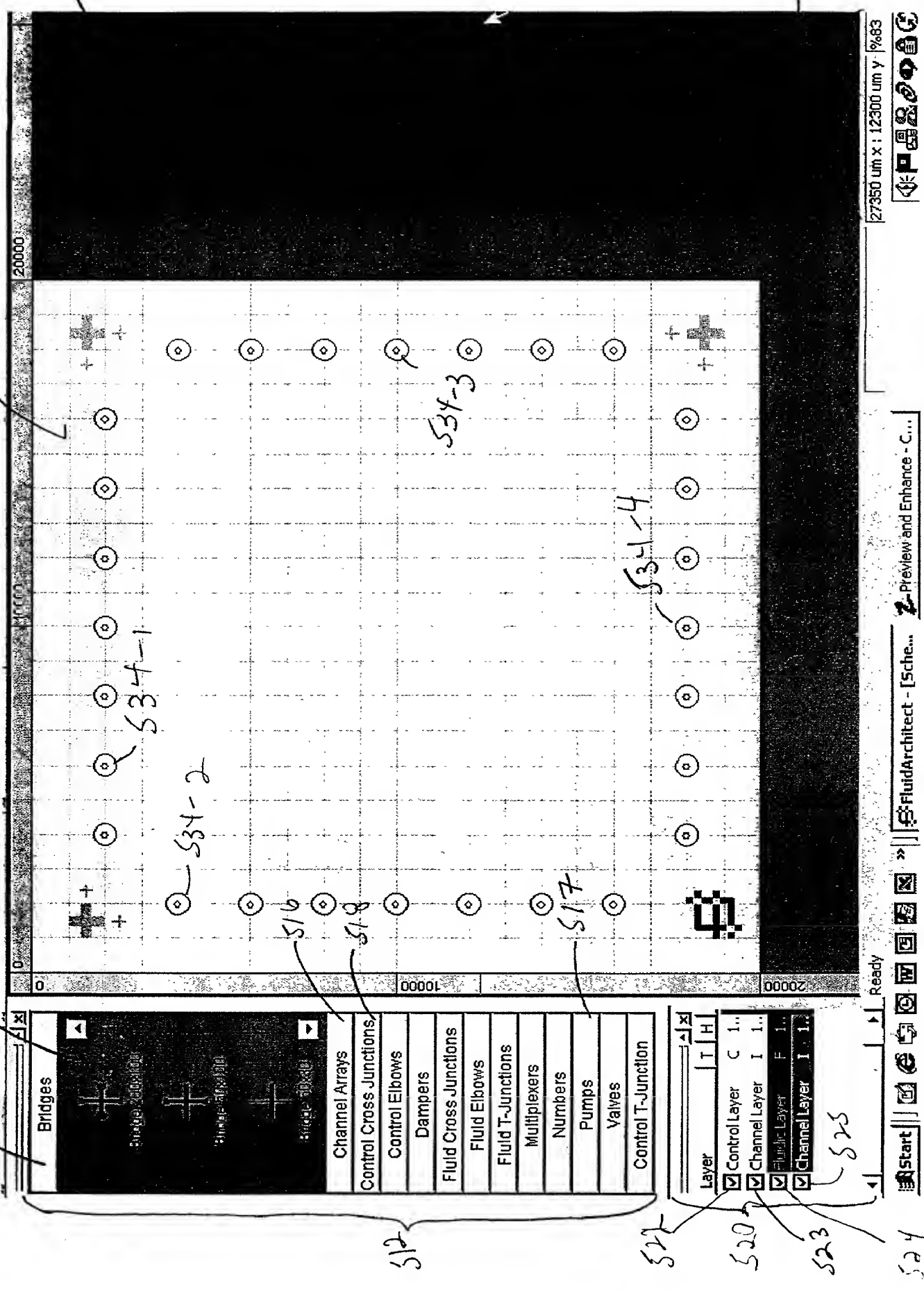


Fig 19

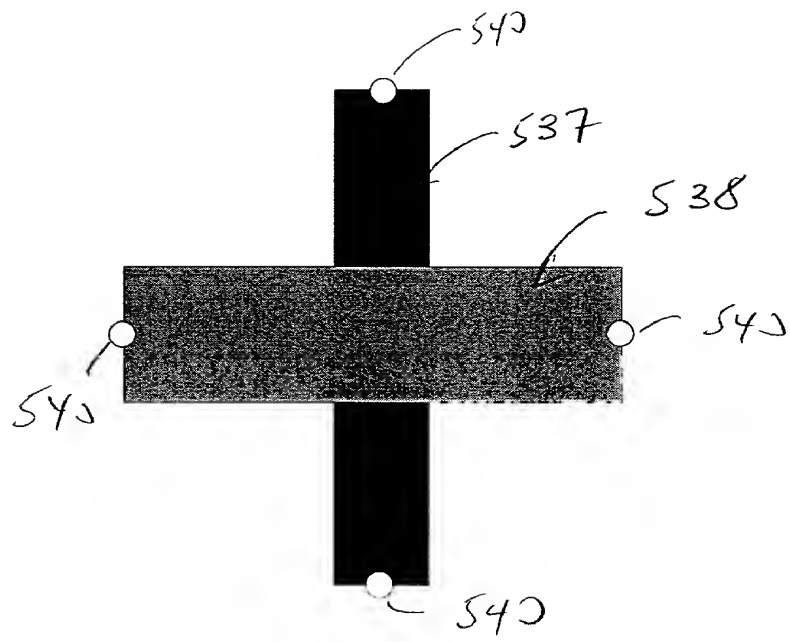


Fig 20

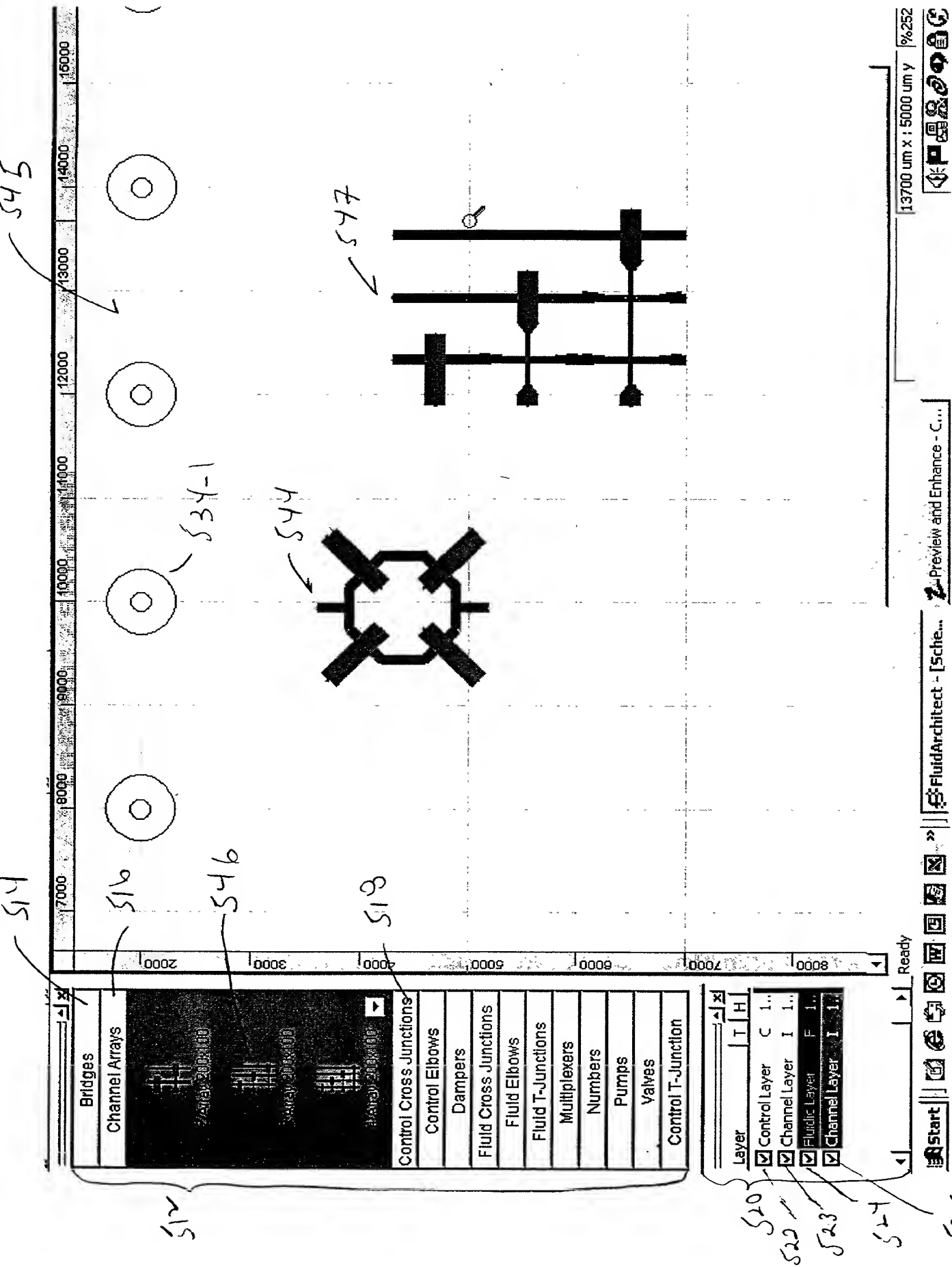


Fig 21

S45

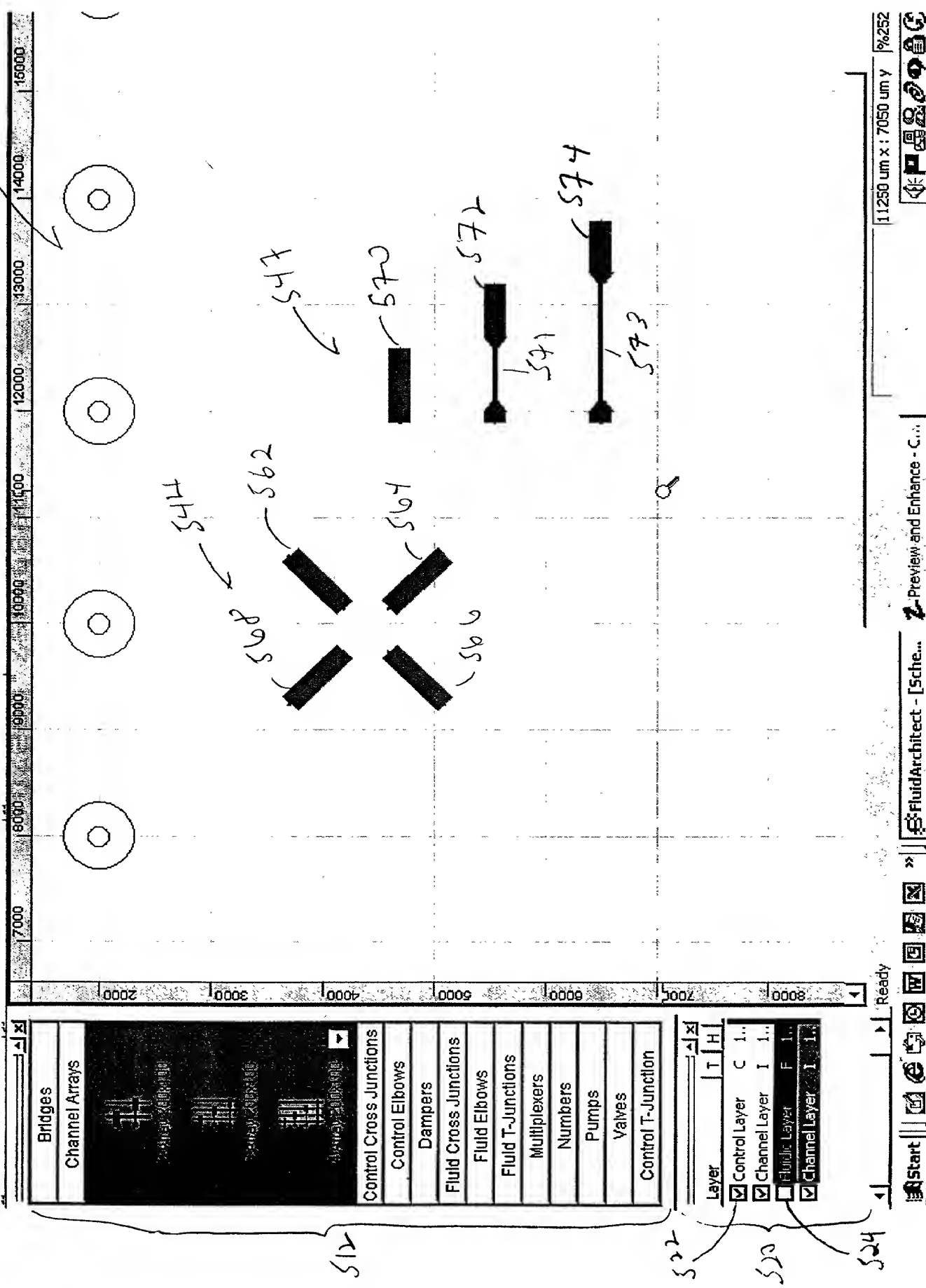


Fig 22

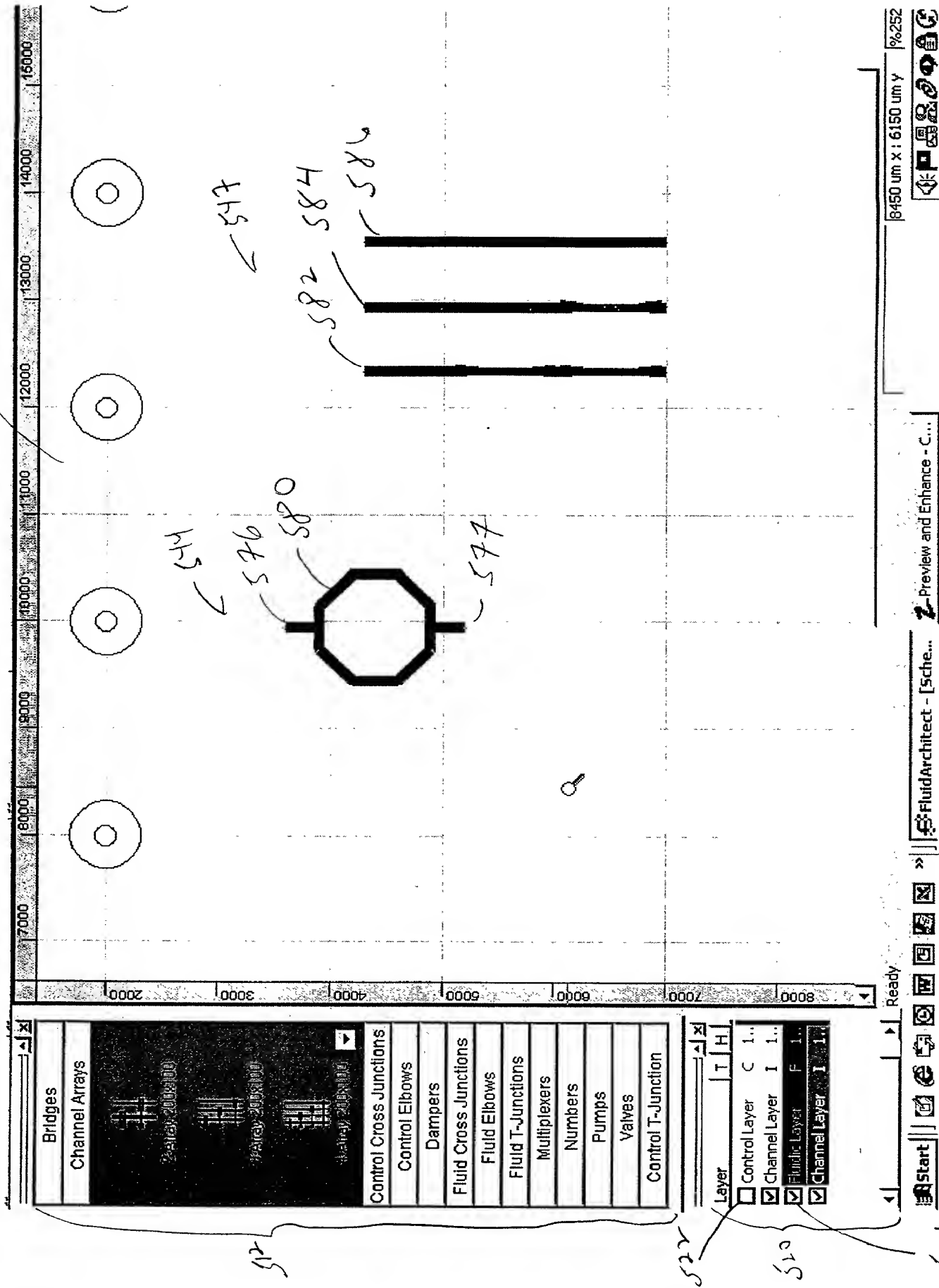


Fig 23

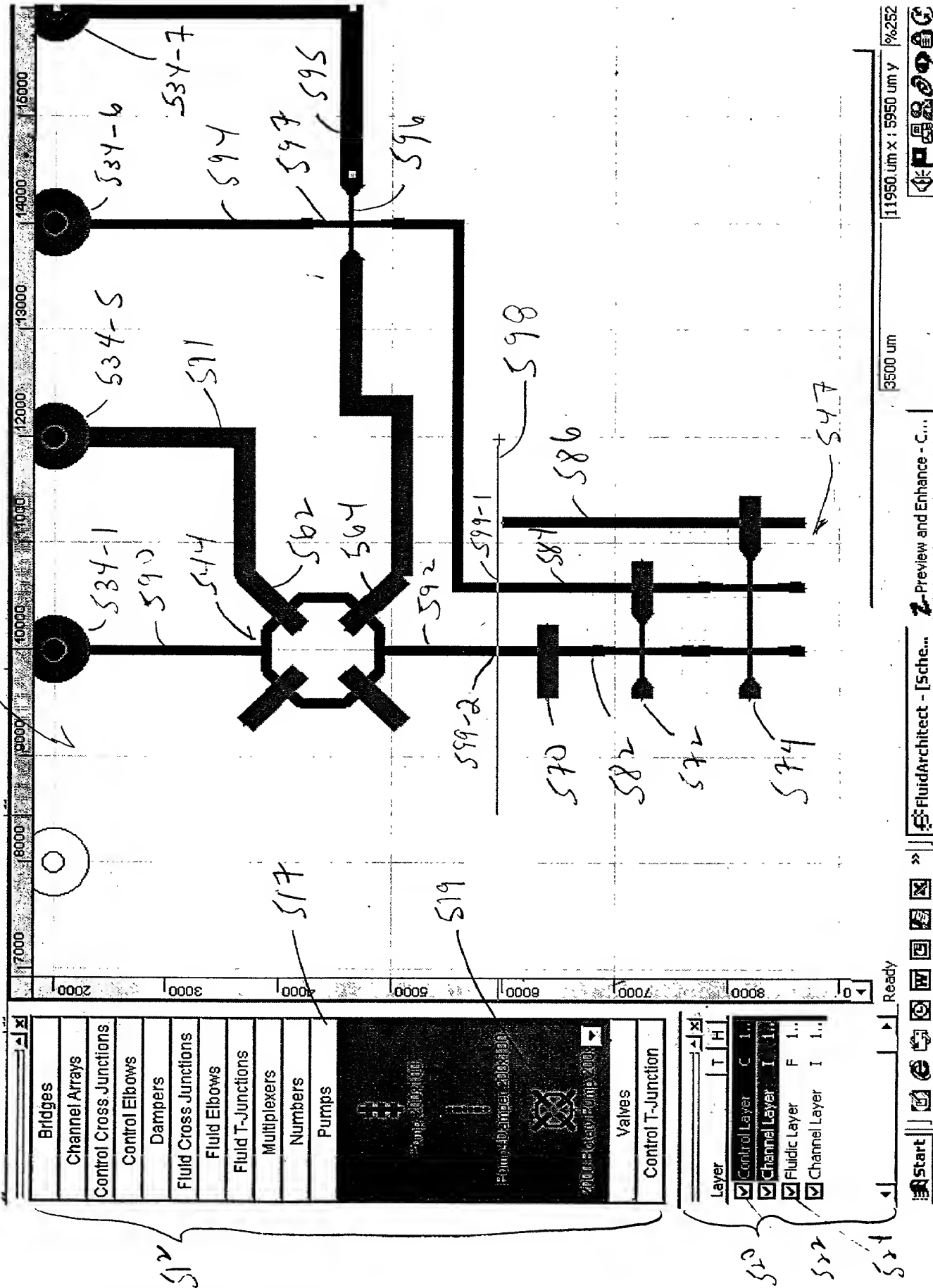


Fig 24

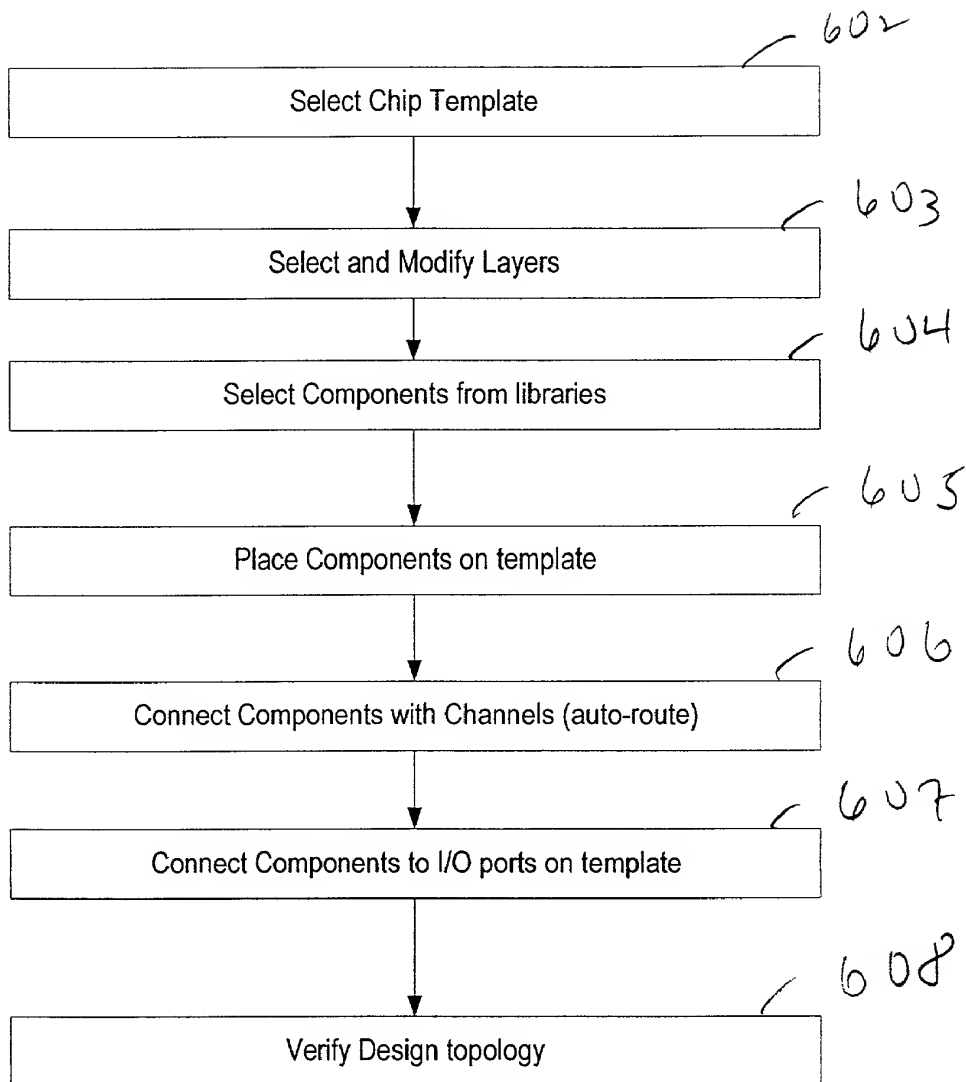
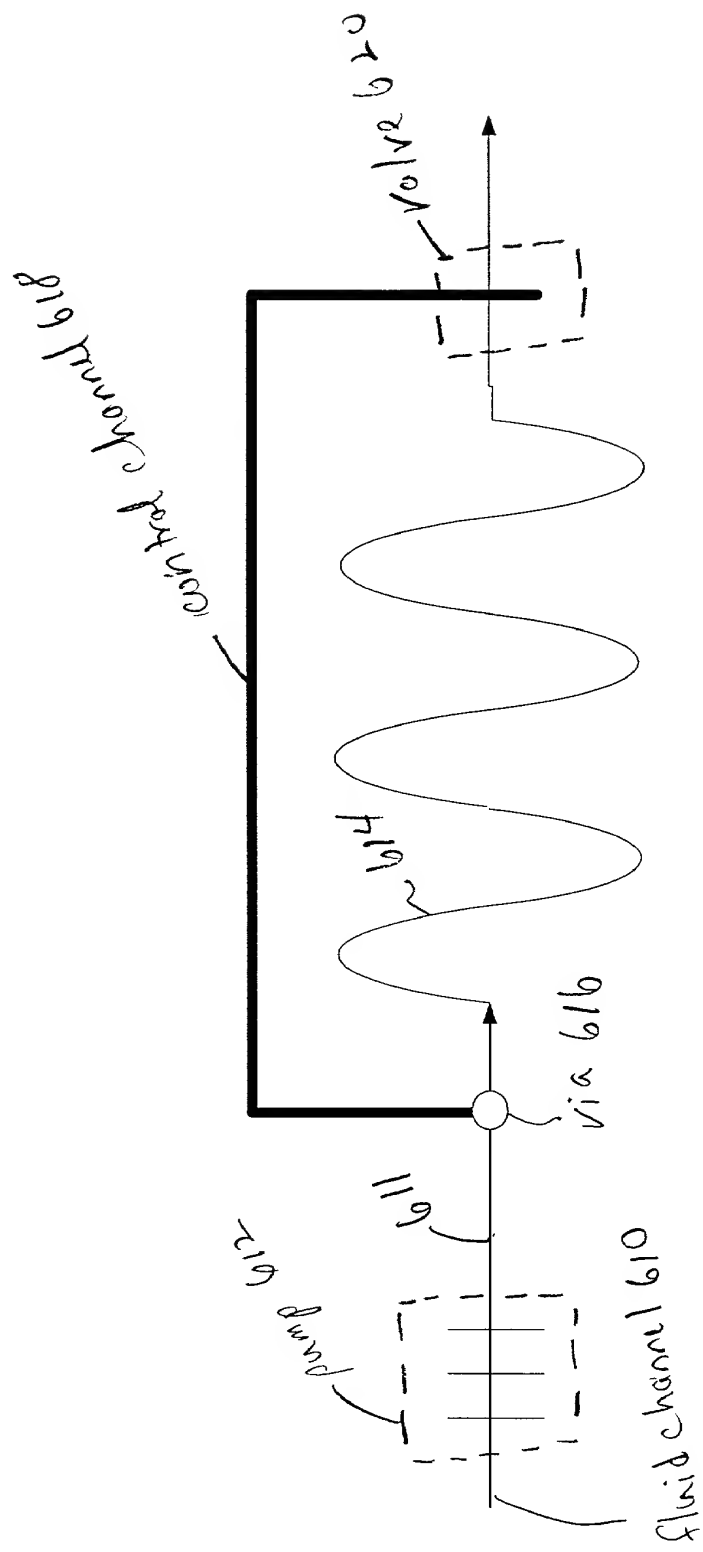


Fig 25

[illegible]

92

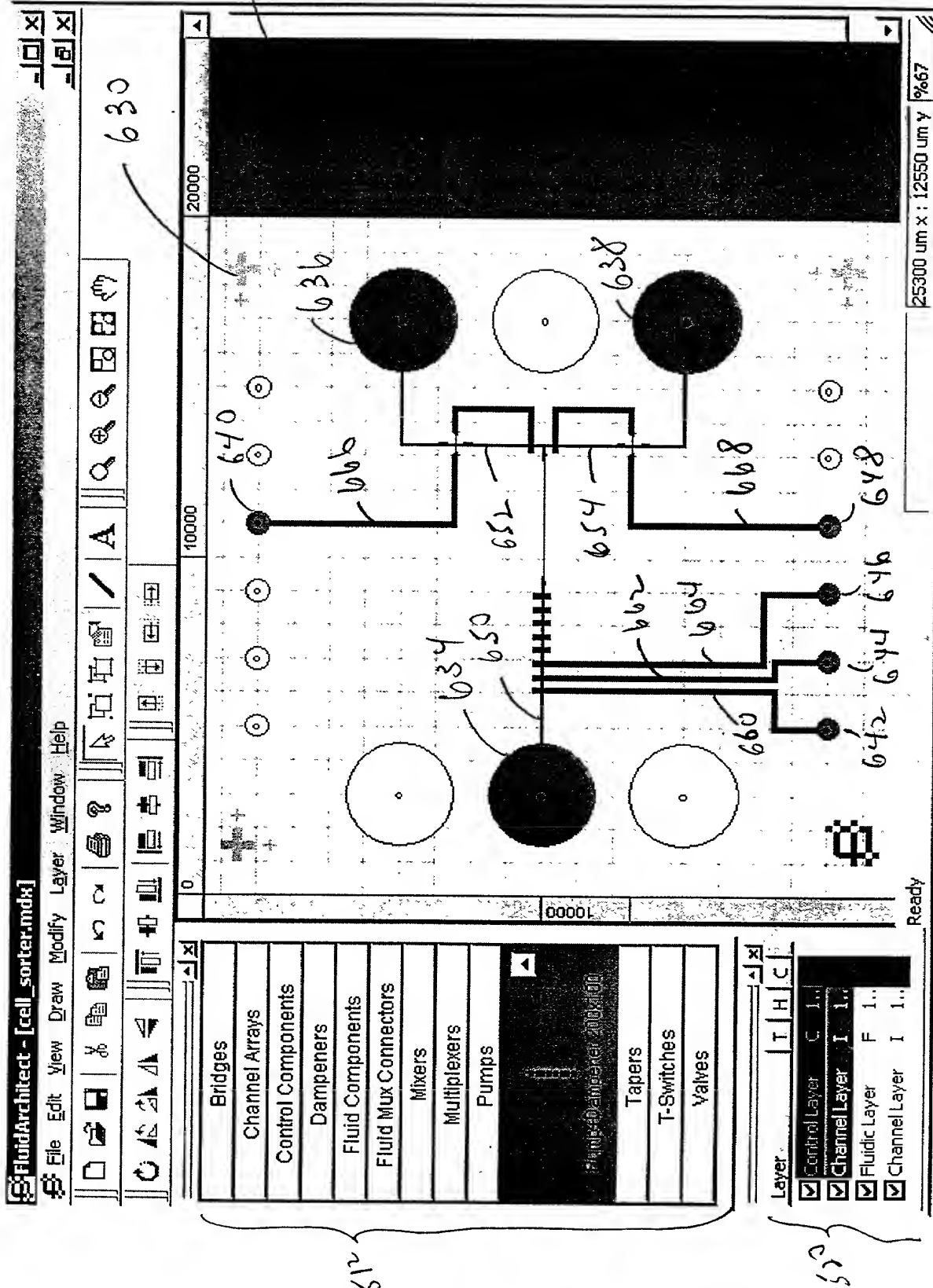


Fig 27

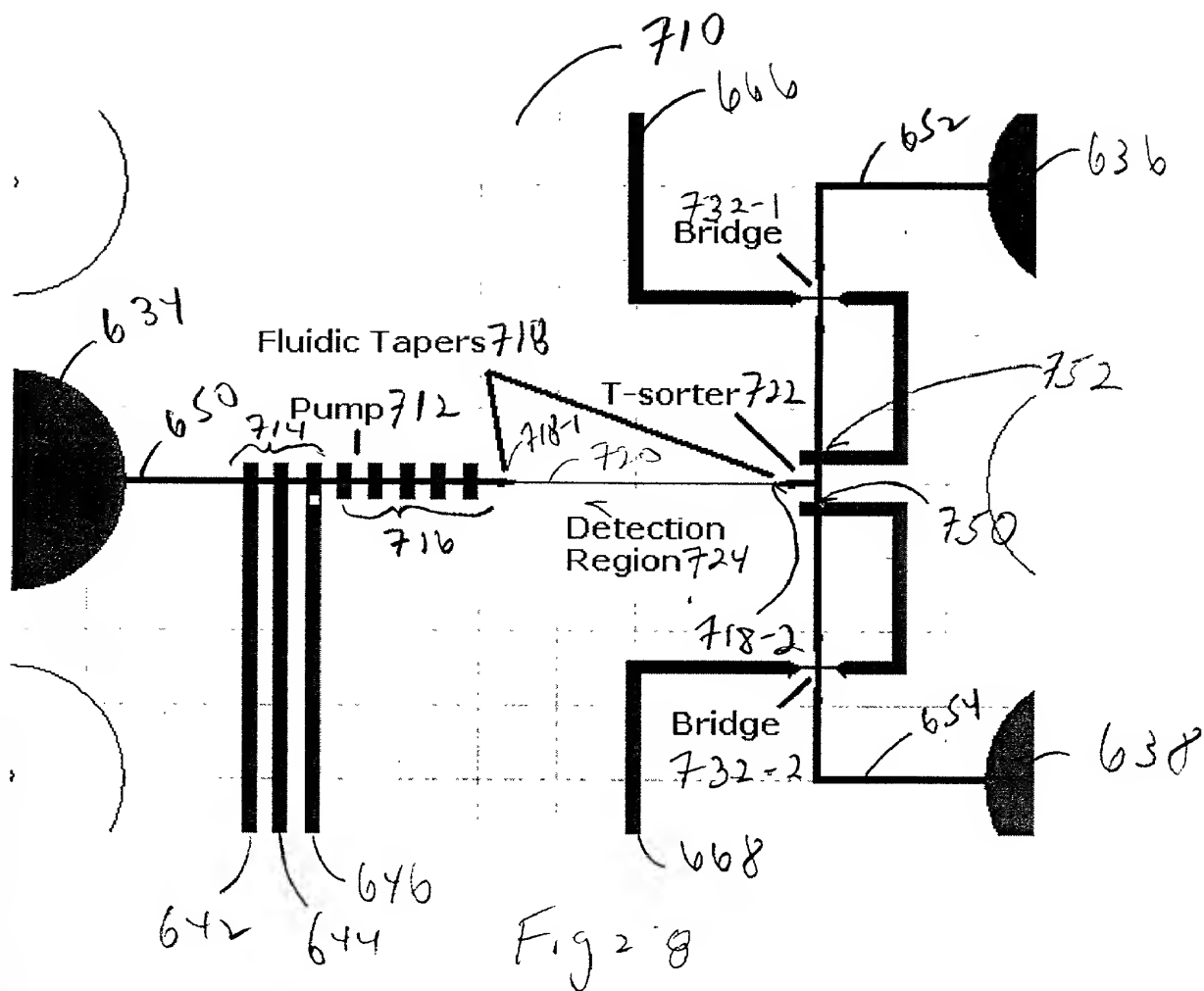


FIG. 29

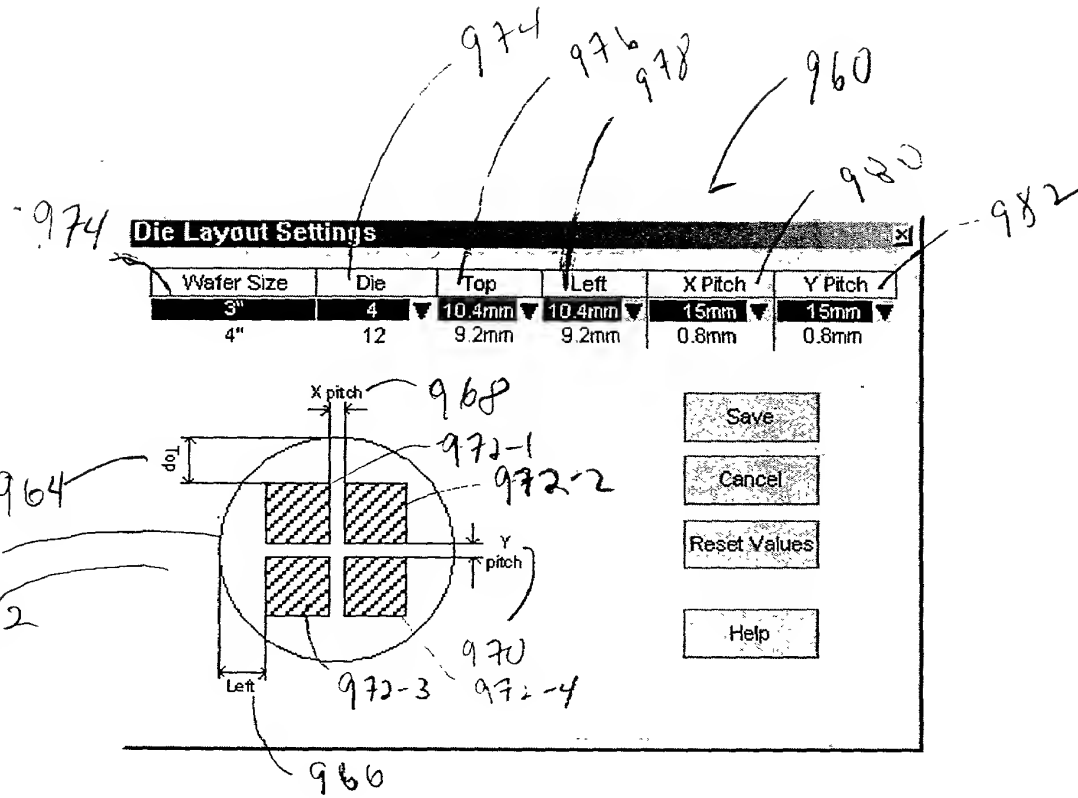


Fig 29.